

Abstract Submitted
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**Search for Associated Production of W and Higgs Bosons in $l\nu$
 $b\bar{b}$ Final States** CHUN XU, University of Michigan, D0 COLLABORATION —
We present a search for the Higgs boson through its associated production with W
for masses between 105 and 155 GeV in ppbar collisions at $\sqrt{s} = 1.96$ TeV. The
search is performed in events containing one lepton (electron or muon), an imbalance
in the transverse energy, and two b-tagged jets in 2 fb^{-1} of integrated luminosity
accumulated by the D0 experiment at Fermilab.

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